

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [1643] 10 Meter Milliwatting and Groundwave  
Message-ID: <19961011.221922.4719.0.wb2vuo@juno.com>

Now that I have put the KB2YTW/B 10 Meter beacon in the milliwatt range, I decided to see what the ground wave looked like. The beacon is at my house, in Bergen, NY, elevation of 605 feet above sea level, running 250 mW into a ground plane. Now, if you want to look at the effective radiated power (ERP), because a ground plane is being used, which is considered to have loss compared to a dipole, let's look at the Effective Isotropic Radiated Power (EIRP).

My charts indicate that a 1/4-wave ground plane is -2 dB compared to a vertical dipole, with the feedpoints at the same location. I am running 50 feet of RG-8X (Mini-8) coax, which gives me a feedline loss of -0.8 dB. The transmitter output is 250 mW, or +24 dBm. Going by this, my EIRP is equal to the output plus the antenna gain (loss) minus the feedline loss, or  $+24 \text{ dBm} + (-2 \text{ dB}) - 0.8 \text{ dB} = +21.2 \text{ dBm}$ . So, my Effective Isotropic Radiated power is 150 mW. This IS QRP !!

So, how does it work? Well, on 11 October, I had to visit a customer in Dansville, NY, about 50 miles from me. Heading south, the terrain climbs to 1175 feet ASL in the first 10 miles, then drops to 850 feet ASL, climbing again to 1400 feet ASL at around 16 miles, then into the Genesee river basin at 700 feet ASL. The route follows the river for about 10 miles, then climbs to the high point of the trip, reaching 1625 feet ASL. I ran along the "top" of an esker, locally called "The Camelback", running from 1450 to 1600 ft, then into the valley about 10 miles north of Dansville, dropping to 90 feet ASL.

I copied the beacon solid, starting out at the 599, dropping to a 529 until I dropped into the Genesee River basin, then heard it intermittently, running between a 429 and a 219. When I climbed up to the Camelback, the beacon came out of the noise, rising to a 559 and staying between a 429 and a 579 along the esker. It dropped out when I went down the back side of the esker, at 41 miles by the map. Figuring the power alone, this is 160 miles per watt, groundwave!. Not bad for a "Little Joe" and a Lakeshore 10 Meter GP !! I am using a Radio Shack HTX-100 in the car, with a trimmed down CB magnet mount on the roof.

As a comparison, I listened to the other "Groundwave" beacon in WNY, W2RTB on 28.2835 MHz. The closest I got to it was 30 miles on the camelback, and it was

589 (It's running 3 watts). When I reached the house, about 40 miles from the beacon, it was a 439. The path to the Camelback was unobstructed, looking up the length of a couple of the Finger Lake

valleys, while the path to my house was the same elevation at both ends (~600 feet ASL) with 900 - 950 foot hills in the path. This run indicates that, IF you are up there working with REALLY WEAK signals, that QRP ground wave CAN be done at reasonable distances on 10 Meters.

Now, if we toss in a couple of Quads or Yagis on the ends of the path....

Food for thought.

72/73, Keith, WB2VUO, QRP-L #582

Trustee, KB2YTW/B 10 Meter Milliwatting Beacon (250 mW @ 28.2870 MHz)

"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: wa5whn@juno.com (Jay D Miller)

Subject: [1614] 17 meters QRP

Message-ID: <19961011.151430.4551.4.wa5whn@juno.com>

Dear Fellow QRP Compadres,

WOW ! I am beginning to feel like "The Lone Ranger" on 17 meters. Not much activity, from the QRP-L, up there. Yes, it has been open & Yes, You can work some good DX, @ QRP power levels. I would like to take this opportunity to thank all of You, for allowing 17 meters to become my Band ; -)

From "High in the Rockies" on 17 meters...Jay,

WA5WHN

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: "Dan Tayloe-P26412" <Dan\_Tayloe-P26412@email.mot.com>

Subject: [1585] 4 for 5 on Foxes!

Message-ID: <M27367706.001.4ecd0.1.961011164100Z.CC-MAIL\*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Bob did a great job as a fox last night. What a pileup!

The band conditions were great. I heard him at a consistent 339 most of the evening. The neat thing is that I could also hear almost everyone the fox worked!

Quite frankly I was worried that my 2 watts would not be able to make it to the east coast. But bagging both Bob and Norm certainly shows what QRP is capable of.

I guess the 500 ft horizontal loop is working well here in Arizona. The loop seems to be great for fox hunting. It seems to do well close in (the NM crew Jim; KK5MC and Tom; WB5QYT, and Ron KU7Y in NV all have consistantly big gun signals here in the Fox Hunts) and does ok even further out with Bob and Norm (MD and FLA).

At least I am keeping up with the Floyd (NQ7X), Mike (NQ7K), and Joe (KC4NEV) here in AZ.

- Dan Tayloe, KK7BD, Phoenix, AZ QRP1 # 696

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Stanley Wilson <microres@crl.com>  
Subject: [1579] 40 meter BEACON running this weekend.  
Message-ID: <Pine.SUN.3.91.961011075204.6887A-100000@crl13.crl.com>

Plan to run 40 meter (7021.2 khz) plus a minus a few cycles for testing this weekend. Power output is 250 milliwatts. Beacon message will be about 12 wpm. No code words just stright text. So check out those antenna and receivers for this winter.

de stan AK0B

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: n4so@juno.com (CHARLES K BROWN)  
Subject: [1627] 73 Amateur Radio Today  
Message-ID: <19961011.154433.8111.1.n4so@juno.com>

QRP ARTICLES FROM OCTOBER 73 Mag.

73 Amateur Radio Today  
for October 1996  
back issues are \$5 from 73 Mag.  
70 Route 202N  
Peterborough, NH 03458

Cover Page title: " QRP: Low Power Fun! "

Reprints are available here at N4SO.

C. Brown  
12165 Miller Lane  
Grand Bay, AL 36541-6811  
73 MAG is charging \$3 per article for reprints...

page 14 Colorado QRP Club's Field Day Operation  
page 19 A Versatile QRP Random-Wire Antenna Tuner  
page 10 Ultimate Power! (using/converting a UPS for a power supply)  
page 46 A Simple QRP WAttmeter/Dummy Load  
I can make copies of articles for \$2--  
need your shipping /mailing address... send  
me a SASE>>>>

Ken Brown  
QTH Near Mobile, AL  
QRP-L #622  
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: n4so@juno.com (CHARLES K BROWN)  
Subject: [1555] 73 Magazine  
Message-ID: <19961010.210653.7751.4.n4so@juno.com>

73 Amateur Radio Today  
70 Route 202N  
Peterborough, NH 03458

1-800-274-7373

Ken Brown  
QTH Near Mobile, AL  
QRP-L #622  
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: n4so@juno.com  
Subject: [1630] ANC -4 ANTENNA NOISE CAN.  
Message-ID: <19961011.180711.5207.0.N4SO@juno.com>

TWO ARTICLES ON THE ANC-4 NOISE CANCELLER

QST February 1996 page 78 Product review  
"JPS ANC-4 Antenna Noise Canceller"

also refer to 73 Mag. June 1996 page 44

JPS communications  
PO Box 97757  
raleigh, NC 27624  
tel. 919-790-1048

Compare: "The MFJ Tunable DSP Filter" 73 Mag. October 1996 page 30.

KEN BROWN  
QTH: MOBILE, AL  
QRP-L #622  
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: AE0Q / V31RY <v31ry@ix.netcom.com>  
Subject: [1588] ARCI Contest and LOGic software  
Message-ID: <2.2.16.19961011105407.0a9f0fde@popd.ix.netcom.com>

For any LOGic users (logging software), I've made a new contest screen for logging and scoring the ARCI Fall QSO Party. It's called ARCI\_QRP.CON , and is available for downloading on the PDA ftp site:

ftp.hosenose.com (in directory /users/pda)

It has keyer memories already set up the are the same as the function keys on 'CT', but you will have to change memory #2 because that has MY exchange information in it now.

When starting a new QSO, if you type in the callsign and HIS report (RST) right away, it will send him the report as part of memory #2. That's why I put the SENT\_RST first after the call.

Don't forget to go to Contest Maintenance on the main menu, and select Clear Contest Dupe Info before operating the contest!

I've made logging screens for 4 other QRP contests, and they're all in the file CONTESTS.ZIP, also on the ftp site (that includes the ARCI file).

73 and good luck! -- Glenn

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Duct Tape is like the Force: It has a light side, and a dark side,  
and it holds the Universe together.

AE0Q / V31RY                      ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com              -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [1575] ARCI Design contest....  
Message-ID: <Pine.SUN.3.90.961011072316.5989G-100000@vortex.sage.dri.edu>

Hey All,

Don't forget that Nov 1, 1996, is the deadline for having  
your design into the hands of Doug, KI6DS.

He will tear himself away from the foxs' long enough to pick  
a winner, get the information to me by my deadline and then  
start kitting!

What do you mean....."I don't remember".....Ha, see the next line:

Doug will be glad to send full information to anyone who asks!

And if anyone should come up with a propagation fixer that can  
be tuned for CA to AnyPlaceUSA, I'm sure that would get a lot  
of consideration.....Doug might even put some of those into  
the field for testing..... :-)

Doug has a couple of entries already but we can always use more.

For all the talk here about how to do everything, there sure  
hasn't been much activity! :-) I though for sure that someone  
would enter a design for a bike with a roll cage that was the  
also the all band antenna, and had the rig built into the handle  
bars.....Geeeeesssh, I'm dissapointed! :-(

Lets make Doug work hard.....(Note to all Texans....if you keep  
him busy with all the projects to wade through, he can't be hunting  
for the fox.....might give you guys a chance.....surely someone  
in TX can design something.....! )

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Ron A. Kolarik" <74244.227@CompuServe.COM>  
Subject: [1556] Battery Chargers & Thanks Chip help  
Message-ID: <961011051955\_74244.227\_BHR8-1@CompuServe.COM>

Hi gang,

Just got a new battery charger for my motorcycle and thought it might be of interest to the group.  
It's called "Battery Tender" and utilizes the UC3906 chip . This comes with 2 adapter cables, one with really big gator clips and the other one has ring lugs for permanent attachment to the battery. Mine came from Motorcycle Accessory Warehouse 800-241-2222 ( \$43.95 plus shipping). Usual disclaimers just a happy customer.

Thanks to those who responded to my request for help on Plessy & Harris chips. Sounds like I'm not the only one looking for a source. If I find one willing to deal in small quantities I'll post it here.

Ron Kolarik N0IDT

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: windish@ix.netcom.com (Walter G. Windish )  
Subject: [1573] Black Widow rod at Cabela's  
Message-ID: <199610111339.GAA19063@dfw-ix6.ix.netcom.com>

I just called in an order a few minutes ago. The rod was in stock and will be at my QTH by Thursday. I used the info supplied by Matt, AA2ZD on Wed. (part #AG-11-00503, tel #1-800-237-4444, ask for 20 ft model)

Happy fishing, Walt KB2JE

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Brent Alexenko <alexenko@prairie.nodak.edu>  
Subject: [1605] Bugs....  
Message-ID: <Pine.OSF.3.91.961011142317.13084A-100000@prairie.nodak.edu>

More questions about the Sierra

We (the building team) have run into a weird occurrence with the KC2. Perhaps we're jumping the gun a little, but we've done the VFO alignment, and the KC2 isn't jiving with the main dial. We haven't really done the other alignments yet, but the KC2 is showing freq's from 0 to 142.7(.) Anything to worry about? Will this cure itself once the receiver and transmitter is aligned?

Also, when we've tried to align the receiver at C64 and C66 we're getting strange readings in the negative mV range. Is this how it should be, or are we doing something wrong.

On a positive note, my partner in solder has been "really impressed" by it's design and decided to buy one also. He's a Tech + with little or no interest in code until now. He's really excited about getting his and working on his upgrade.

Thanks to all for all the positive comments. Couldn't have made it this far without you! Hopefully everyone who still needs North Dakota QRP will get it soon!

72,

Brent  
KG0WE

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Dale Anderson <dalea@artemis.fc.hp.com>  
Subject: [1607] CW "Dash" (was: CW question)...  
Message-ID: <9610111949.AA15958@artemis.fc.hp.com>

>Actually, BT ( dash ) is dah-di-di-di-dah.

Actually, NO! The BT prosign is NOT a DASH.  
Tho' I've heard it misused that way often.  
As was said before, the '-' is...



"dah-di-di-di-di-dah"

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Steve Hideg <Steve.Hideg.1@nd.edu>  
Subject: [1587] CW question  
Message-ID: <v03007809ae8423b270b8@[129.74.35.16]>

Has anyone come up with a way to send a URL in morse code?

How would I send "http://qrp.cc.nd.edu/qrp-1/"?

I suppose I could leave off the "http://", but how would I send the periods, with a di-dah-di-dah-di-dah? How about the dash in "qrp-1"?

Thanks.

--Steve

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Steve Hideg, N8HSC/9 QRP-L #136  
Check out the Internet QRP Club's site on the WorldWide Web:  
<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Stew Whitehouse <76443.501@CompuServe.COM>  
Subject: [1584] Dead Band ?  
Message-ID: <961011160258\_76443.501\_GHN110-2@CompuServe.COM>

Hi Folks,  
Back on the 3rd of Oct. I tuned around the 15 meter band and heard no signals at all. Just playing around with my super cmos keyer I hit button #1 and sent a CQ on 21060. Lo and behold back came KQ6ES! Granted John only gave my 5 watts a 329 but it was a contact just the same. Yesterday afternoon I had a speaker watch going for that Lil Joe beacon on ten meters but wasn't hearing anything on ten. About 5:15 EDT (2115Z) I moved the rig down to 15 meters and listened around, nothin doin on the band. Again I hit button #1 and on the second 3x3 back came N4FNG! Now Al is only about 20 miles from me but we did have a nice,

if short, QRP QSO. (I had supper cooking on the stove). The point of all this? --- A band may appear to be dead only because nobody is sending!!! It seems that people are lurking around the QRP freqs just waiting for the band to open up. BE A BAND OPENER!!!

72/3 Stew ke4yh  
Dunedin, Florida

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Thomas J. Whalen" <whalen@swcp.com>  
Subject: [1576] dsp-40  
Message-ID: <Pine.SUN.3.91.961011084201.7938E-100000@kitsune.swcp.com>

Thanks to all for the info on the dsp-40. Now that I'm armed with the right information, I'll go check it out. Maybe they have one in stock and for 27\$. Thanks again. Tom WB5QYT .....

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Thomas J. Whalen" <whalen@swcp.com>  
Subject: [1562] dsp-40???  
Message-ID: <Pine.SUN.3.91.961010230607.16239C-100000@kitsune.swcp.com>

I was at my local Rat Shack yesterday and was inquiring about the dsp-40 and the lady looked at me funny, and said "What's that?" If someone has a RS part number for me I would appreciate it. She looked in several past catalogs and could not find it. Thanks much, Tom WB5QYT qrp-l 640

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Jack W. Rucker" <jackruc@mail.idt.net>  
Subject: [1554] DX QRP (& QRO) from Nepal de 9N1SON  
Message-ID: <325B5FBF.3410@mail.idt.net>

DX Anyone?:

I'll be QRV from 9N1SON in Kathmandu, Nepal, and trailside in the Himalayas from  
~=

10-14 thru 11-28-96.

RIG: Scout & Solar panels 80/40/20/15.

Ant: 1/2 Square 40 & 20 M (4dB) + Dipoles.

Best MI/W DX on previous trips: Argentina [Patagonia Mtns @ 9K'] from Bhandar, Nepal

[Himalayas @ 7K'] w/0.7 W on 20 CW, w/40M horiz dipole. (Error; it's better when the

Dummy is on the output side of the rig.) (Why worry about reflected power? Most of it

doesn't get back to the rig thru 100' RG-188/U. The coax ran cool.)

"No VSWR bridge = No Worry. Know VSWR = NOw Worry".

High point: 1990 "Peak 6161" (6161M = 20.2K') near Mt. Everest Adv. Base Camp (Tibet)

Low points:

1] 1991: 150cc 'bike accident (I failed to yield MY right-of-way to Kathmandu 3-wheel

Taxi.)

2] 1992: Yak stepped on my 2 feet w/1 hoof. (I failed to yield right-of way. Trail ettiquette calls for yielding to another if he has a heavier pack, or is packing uphill.

Smart yak.)

73,

W4SON/2 & 9N1SON Solar Mtn. CW Key Collector: British Spy & Std. Straight Keys

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: "Bob Tellefsen-CNSE97" <Bob\_Tellefsen-CNSE97@email.mot.com>

Subject: [1616] FL-30

Message-ID: <M1096463.001.4r4f0.1.961011211702Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

NZ8J de N6WG

Tim:

I'm not sure about the FL-30, but it sounds a lot like the old FL-8 that was surplus in my starting days in the '50s. That was a filter that peaked around 1000Hz, and did have some attenuation. It was intended for headset use, with the old 2000-ohm military surplus headsets of the day.

You could use it with modern low-Z headsets if you could find a 2000-ohm to voice coil transformer. That's about what the plate output transformer was for the 50L6 audio output tube in the old ac/dc table top BC sets we grew up with. If you are using a modern low-Z headset with the filter's 2000 ohm output, that explains part of the attenuation you are seeing.

It sounds like you have a low-pass switch position that helps with voice reception as well. The old FL-8 was strictly cw.

Hope this helps.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Tim Cook <timcook@erinet.com>  
Subject: [1617] FL-30 filter!!  
Message-ID: <325EBC49.2AF3@erinet.com>

Whew!!!!!! Thanks to all who responded to my request for info... there were SEVERAL responses... and everyone about the same info.. guess that dispels the theory by some that their memories were suspect..... I think the consensus was that although a 'neat toy' it was better left on the shelf. I think that is where I will display it. Again thanks to all for the great information. I must recognize W0CH, Dave, as he had the most detailed and interesting background on the filter..

Tim  
NZ8J

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: qrp-1@fido261.qis.net (qrp-1)  
Subject: [1625] FL-30 filter!!  
Message-ID: <eef\_9610111923@fido261.qis.net>

Tim Cook wrote in a message to All:

TC> From: Tim Cook <timcook@erinet.com>  
TC> Subject: FL-30 filter!!

TC> it was better left on the shelf. I think that is where I will  
TC> display it. Again thanks to all for the great information. I must  
TC> recognize W0CH, Dave, as he had the most detailed and interesting  
TC> background on the filter..

If you get tired of it...let me know...that was my first 'real' filter when I had my novice ticket...I'd like to have one to remind me of 'The Old Days'

thanks

Thom LaCosta

K3HRN

thom@fido261.qis.net

Our Business is Business

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|Fidonet: qrp-1 1:261/1352

|Internet: qrp-1@fido261.qis.net

|Standard disclaimer: Take a Naugha to Lunch today YOU pay the bill!

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: "Thomas J. Whalen" <whalen@swcp.com>

Subject: [1553] Fox #4

Message-ID: <Pine.SUN.3.91.961010225259.16239B-100000@kitsune.swcp.com>

I was really starting to sweat! Here it was 1955 local time, almost a solid hour into the Fox hunt and not a peep! This was a far cry from the action that the previous night held! While I was hunting I heard Chuck K5FO on his 1 watter, good sigs into Albuq. Chuck! Wonder what you use for an antenna? Finally, at 2000 heard a station give his report to the fox. The Fox came back to the station, weak as a kitten and I thought I have no chance. Gave it a shot, and after couple of calls I snagged the lil critter! How he ever heard me I'll never know! Good job Bob! Arizona should be a snap! Tom WB5QYT qrp-1 640

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: kb0rol@juno.com (Bradley L Mugleston)

Subject: [1646] Fox - Novice/Tech Update

Message-ID: <19961011.203433.7615.0.kb0rol@juno.com>

Looking over my notes and my post I discovered another mistake, I need to learn to print better and to type with more than one toe.

0127 sb AB5UA and I don't know where I got the name but it say Fran\_ right there in my notes but this call belongs to Clif Sikes - I don't know but there must be a direct wire between his QTH and mine. This is the second QRP-QRP contact I've had with him.

Brad Mugleston - KB0ROL  
Colorado QRP Club # 170, QRP-L #316, ARRL  
QTH - Aurora, CO - DM79oq  
KB0ROL@JUNO.COM  
BMUG@GWL.COM

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Dean Marzocca" <n2tnn@ifu.net>  
Subject: [1639] Fox fishing  
Message-ID: <199610120226.WAA03468@mail.ifu.net>

Ok guys,

One Black Widow pole is on the way to NJ. Going to set up for some fox fishing. Any takers?? Should be here in about a week. Sales girl wanted to sell me some crappie stuff. Told her no, didn't think foxes would eat that kind of stuff but then can't figure why the fish would either... Fox with a big red tail... coming your way soon...

72/73, Dean, NJ, N2TNN, QRP-L # 560  
EMPS Q=4 S=3 DX=1

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Paul Erickson <paul1@wizard.ucsfu.ca>  
Subject: [1550] Fox missed in the North  
Message-ID: <9610110442.AA17447@wizard.ucsfu.ca>

Conditions were wierd up here tonight. Listened for the fox til 0300z (had to pick up daughter from rythmic gymnastics) not a peep, not even from any of the hunters. Had heard a couple of VE3's, but looks like the east/west path was a washout tonight. Anyone else in the pacific north west who heard anything?

cheers, Paul  
VE7CQK  
email: paul1@wizard.ucsfu.ca

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Bob White <bobwhitewo3b@geocities.com>  
Subject: [1645] FOX Results - W03B --K5FO Skunked, but Texas Hounds Strike Gold!  
Message-ID: <325DBB16.4ACB@geocities.com>

Band conditions were noisy here on the East Coast. Twenty-nine contacts

and only two of them from the East. The hard luck story of the night was WB4ZKR. I heard him on two occasions, spend between 15 and 20 minutes trying to put him out, but no joy.

Thanks to all for participating.

Contacts by State:

TX - 5

AZ, OK - 3

IL, MN, NM, WI - 2

SD, MO, FL, IN, ID, AR, OH, CA, UT, MD - 1

Total 17 States worked

Time	Call	Rcvd	Sent	Name	ST	Nr
0130Z	WA0FGV	459	339	Jiggs	SD	80W
0135Z	W0CH/M	339	569	Dave	WI	618
0138Z	NN9K	559	579	Peter	IL	05
0139Z	WB0CLD	549	559	Bill	MO	279
0141Z	KE4YH	449	559	Stew	FL	590
0144Z	NI0A	229	549	John	MN	689
0146Z	N9DD	229	449	Tom	IN	32
0149Z	NQ7X	229	449	Floyd	AZ	343
0154Z	W1HUE	229	529	Larry	ID	227
0157Z	WB5QYT	449	449	Tom	NM	640
0159Z	KB9IUA	559	599	Kevin	IL	384
0200Z	KK7BD	339	339	Dan	AZ	696
0204Z	AE9K	449	589	Brian	WI	58
0208Z	KK5RO	339	559	Vernon	OK	32
0216Z	W6ABX	339	449	Neal	AR	50W
0224Z	W8DN	339	539	Mike	OH	575
0226Z	K6VNX	339	449	Arlen	CA	4W
0229Z	KK6MC	339	539	Jim	NM	411
0231Z	K5UP	449	339	Glen	OK	21
0236Z	WA7FCU	339	559	Bob	UT	129
0248Z	N3SLR	559	599	Rich	MD	320
0301Z	W5TFB	549	559	Jack	TX	282
0303Z	AC5II	449	339	Don	OK	264
0310Z	N5ET	449	339	Bob	TX	123
0313Z	KC7NEV	339	239	Joe	AZ	191
0314Z	AA2WJ	229	229	Dick	TX	4W
0321Z	K0EVZ	229	529	Doc	MN	2W
0324Z	K5ZTY	229	339	Bill	TX	473
0328Z	WA5VQY	229	229	Tim	TX	586

Equipment:

TS-940S @ 5 watts into 571 foot loop at 55 feet, feed with 450 ohm ladder line.

Located at sealevel 12 SE of Baltimore on the Chesapeake Bay.

See you all again after the New Year.

72,  
Bob W03B

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Michael Connor" <mikec@primenet.com>  
Subject: [1600] FOX: Monday Night  
Message-ID: <199610111849.LAA29244@primenet.com>

Gang,  
I'm posting this today for the benefit of the digesters.

I'll be the elusive furry one for Monday, Oct 14th.

WHEN: OCT 15th 0200-0400Z  
WHERE: 7.043 +/- QRM, QRN, DIGITAL

FOX STATS:

QTH: Phoenix,AZ  
RIG: OHR400 @ 4.9999998W  
ANT: 40M dipole @ 30ft, strung north to south

This oughta be a good one since I'm in the middle of  
the playing field for the CA/TX Qrp FOX world Series.:-)

QSL 100%

I'll post another reminder Monday morning.

Good luck and hope to work all of you!

72,  
Mike  
N07K

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [1564] FOX: Yet Another Hunter's Story  
Message-ID: <199610110629.XAA15621@primenet.com>



Howdy All,

[ Note: Not posting this to rub it in to those who haven't caught a fox yet. Just thought that stories telling folks how a fox was worked may inspire some ideas/hope/whatever helps. ]

I've been sitting at my straight key for nearly two hours. Only 10 minutes left, I've nearly given up hope. The Fox is nowhere to be heard. Last copy I had was 15 minutes ago on 7040.8 when he said to QSY down 2. Down to 7038.8 I went, only to meet the F beacon and a loud QRO CQ. The Fox has slipped away! Argh!!! Doomed again!

The proverbial fat lady is clearing her throat, ready to belt out her tune. Dejectedly I search the desolate landscape between 7037 and 7043. The RF Wall has beat me again. Then, a null in the noise. Not a signal, just a "blankness". Crank down the filter, swing the Lucky Rubber Chicken of HF Propagation(tm) overhead a few times, and strain my ears. Wait... maybe... YES! The Holy Grail of the Foxhunter - "CQ Fox CQ Fox de W03B k"! If he's calling CQ, there isn't a pileup to fight! He's all mine! Throw out my call, but he comes back to N.E. ham. Then CQ again. Throw out my call. Strain the ears. Bob pulls me in! 229 both ways, but FB copy. WAHOO!!!! Great job Bob! I jump up and do the Happy Dance. My kids join me, conga line in the bedroom. My wife shakes her head. My 4-year-old knows his morse code up to the letter 'E'. She knows she's doomed. :-)

Moral of the story - never give up. The window of opportunity is usually very small. It's just a matter of being there when the window opens, and maybe "jimmying" it with a crowbar a bit. :-)

Cheers es Happy Hunting de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: kf2ph@juno.com (Nick Franco)  
Subject: [1565] IHTF - only :-(  
Message-ID: <19961011.012505.9974.1.kf2ph@juno.com>

Yes this is a Fox report. Hit the <Del> key now or don't complain :-)

>From last year IHTF (I Heard The Fox) - I think that's right, isn't it Chuck? We had IHTF, IWTF and something else I can't remember as subject lines to tip off the reader what kind of report it was and that it was a Fox report.

Well, another Fox season and I'm already getting depresses. Not really! At least I heard him this year. Actually I heard the 2 I tried for this week. Last week I was away so this is week one for me and a bust at that. I heard Norm rather well in the first 1/2 hour - WOW what a pile up, like a rare DXpedition :-). Good job Norm. After the first 1/2 hour I stepped away from the rig for about 10 minutes and when I came back - NOTHIN' for the rest of the hunt.

Bob was much weaker and I had a real hard time finding him. Then I realized he really didn't move much if at all. You were down in the mud Bob - Were you running the usual 400 mW or what? I heard you better in the car on 30m doing miliwatt mobile :-). I hung in there, but NG. I could hardly hear the hunters working W03B - a tough night.

After the hunt I put the audio filter kit into my NW-40. That took quite a while. I wish I bought it in the beginning. Suggestion to those considering the NW8020 kits ... buy the audio filter if you can afford it from the start. The filter is great (like the rig) and it's much easier to add these things into the cabinet before you have everthing wired and bolted in there (believe me).

Well, there always next week, and the next week, and ... wait a minute here - I'm up at bat soon. I hope I get to work one Fox before I have to handle the pile up myself (if there is one). I'm starting to feel like I'm in a no Fox zone :-). Later gang.

72 fer nw,  
Nick - KF2PH  
Lucky QRP-L # 13  
Foxes - 0 :-(

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
Subject: [1581] JPS ANC4 info?  
Message-ID: <Pine.GS0.3.93.961011114532.29624A-1000000@autarch.acsu.buffalo.edu>

Does anyone use the JPS ANC-4 Antenna noise Canceller?  
Any observations or comments would be helpful.  
Does anyone have there own version of the above?

73,

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: k2nf@juno.com (Norman E Fink)  
Subject: [1566] K2NF Email Address Change  
Message-ID: <19961011.074214.4903.6.k2nf@juno.com>

Effective immediately, send any direct email messages to:

k2nf@juno.com

Thanks,

Norm Fink, K2NF

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Dale LeDoux <dledoux@laci.net>  
Subject: [1626] KC-2 wattmeter function  
Message-ID: <1.5.4.16.19961011173341.1b2f6722@laci.net>

Got a question for the cognoscientii: Does the KC-2 counter/wattmeter/etc.  
have a reverse power function for reflected power measurements?

Dale LeDoux  
Bath Electrical Systems  
Power Specialists -- 480 V to 230 KV  
KD5QI -- QRP-L #602

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [1560] KI6DS Strikes Out On Fox  
Message-ID: <325DDFBC.1F@telis.org>

I have reported with obvious glee the thrill when I was able to work the fox the first 3 nights. Tonight was a different story. Now I know what a 119 signal sounds like. Bob, I heard you in there, but very very very weak. There was no way, I gave my call once just to shake the dust off the contacts, but no go tonight. I think that Texas may have skunked us tonight. I heard N5ET work the fox, and I know he is from Texas. N6WG didn't get him, and don't know about Harvey and the boys down south. Do you guys realize that the California Fox team is the first thing that Northern and Southern California have agreed to do together in the history of the state. Governor Wilson will probably investigate us, and I am sure someone will start an initiative to investigate the QRPers, because working together is very unusual for Northern and Southern Californians. But when we feel the challenge of the good ole boys from the land of the Lone Star State, we must rise to the occasion. Gentlemen, Pacificon is one week and one day away. Hope to see you there. 72, Doug, KI6DS

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "John Shuster" <jshuster@ix.netcom.com>  
Subject: [1574] Last OHR Group Buy until Spring '97  
Message-ID: <199610111426.HAA29420@dfw-ix11.ix.netcom.com>

To All:

Group Buy orders continue to come in. Lots of interest in the OHR 400 after Jess's post about his positive experiences with the rig. We won't see a price of \$275 on this 4 bander for quite a while.

A number of list members have already received their kits from OHR.

The group buy continues until Sunday night. If you need a copy of the original post, I'll send you one.

John

John Shuster jshuster@ix.netcom.com  
KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL  
\*\*\*\*\*

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>

Subject: [1569] LOWfer's this coming winter...  
Message-ID: <v03007800ae83e0bb09f9@[132.235.72.11]>

Gang,

I'd like to put on a 160kHz-190kHz station this winter. With one watt and a 10' transmitting antenna it could prove to be a real QRP challenge.

Here are some questions:

1. Are there any of you out there who plan to do the same?
2. Is there a list of beacons that will be operating this winter?
3. How about some converter or receiver circuits?
4. How about some receiving antenna descriptions?
5. What are the operating frequencies that are common for calling?

Any other information, homepages, hints, etc. will be appreciated!

Here are some homepages dedicated to LOWfering...

<http://users.aol.com/lwcanews/index.html>

<http://www.anarc.org/lwca/>

Please send to me direct and I will summarize to the group.

Greg Weinfurtner AEE BSS  
Electronic Design Splst  
Ohio University Athens  
GO BOBCATS!

[weinfurtner@ouvaxa.cats.ohiou.edu](mailto:weinfurtner@ouvaxa.cats.ohiou.edu)  
<http://ouvaxa.cats.ohiou.edu/~weinfurtner>

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: w0ch@juno.com

Subject: [1551] Mobile FOXhunter Strikes Again!  
Message-ID: <19961010.204834.4647.0.W0CH@juno.com>

Got'em again. Tonight's FOX, W03B was blasting into the midwest tonight with solid 569 signals. Didn't need the DSP this time. Bob must have been running more than milliwatts judging from the strength of his signal.

I nailed that sneaky ole fox running 3 watts to the mobile whip. Tonight I am in Beloit, Wisconsin and worked from the parking lot of the motel. Kinda cool tonight, so had to run the heater. Maybe I should have left the heater off to climatize my body for the FYBO event later this winter.....

Anyway, fine job Bob. Glad to finally work you.

Chuck, do you want me to come on down to Texas and give you boys a hand?

72 es good hunting

Dave  
W0CH/mobile      FOX: 1      W0CH/M: 3 plus the Novice FOX      (8 points so far Chuck)  
QRP-L 618

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Bob Tellefsen-CNSE97" <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [1615] Multiple foxes  
Message-ID: <M1096464.002.4r4f1.1.961011211703Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

WA5CVM de N6WG

Your question regarding multiple foxes is certainly reasonable.

The bad news is that I imagine we will probably stay with one fox at a time. The good news is that there are 25 foxes, scattered around the US. I will be one myself, here in CA, when my dates come around.

We do have geographic dispersion, so someone will be within your range. Also, if you check the operating times, you will see they are staggered a bit, within

the frame of the normal evening hours people have free to ham. They run 0100Z-0300Z, 0130Z-0330Z, or 0200Z-0400Z. You will have to translate those into your local time zone.

You are right about the frustration of not working a fox, witness our numerous posts of "I was there, where were you?". That is part of the challenge, somewhat like fishing. You never know if the fish are biting until you get your line wet. Being in the bottom of the propagation cycle, we can expect other nights like this. It's the nights where the band opens up and everyone can play that make it all worthwhile.

This year I caught the first three foxes, then Thursday night I could barely tell there was a fourth fox. Last year I believe I caught four altogether. I certainly will keep on hunting, although I know there will be other empty nights. For me, I guess it's more "the thrill of the chase" rather than the catch. I don't object to another foxhide on my barn door, however.

I hope you saw Chuck's FOX Hints and Kinks in Thursday's posts. In it he spelled out some of the reasons for fox hunting in the first place. They may not all apply to any one individual, but are true never-the-less.

Anyway, don't give up. One of the foxes out there has your name on it. You just have to be there when he shows up.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Bob Follett" <bfollett@ditell.com>  
Subject: [1599] My New Callsign -- and a FCC Question  
Message-ID: <199610111841.MAA01967@orion.ditell.com>

Gang:

Well, the FCC processed my paper, and I am now AB7ST.

For all of you who have managed to associate me with WA7FCU will now have to clear memory, and start over.

Question: I know the FCC won't recycle SK's for two years, but what about those folk who change callsigns? When does their old, abandoned callsign become available for vanity? I see a few nice ones out there, and could be tempted.

I like the ST suffix of my call, but the B7 combination is sort of a pain, CW wise. Or am I wrong?

73, Bob, 3 for 3 on Foxes, but starting over. :-)

-----  
Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Jorgen Jonsson <jorgenj@uddeholm.se>  
Subject: [1568] NEED HELP With Arrl RF Designer Does anyone knows how PSE help  
Message-ID: <96oct11.142911gmt+0100.36865@wall.uddeholm.se>

Please Need help with this (ARRL RADIO DESIGNER)  
the question stands in the OPT BLOCK

BLK  
CAP 2 0 C=?22PF  
IND 2 3 L=?80NH  
CAP 3 0 C=?22PF  
TWO 3 4 0 BFR91A  
CAP 4 0 C=?22PF  
IND 4 5 L=?100NH  
CAP 5 0 C=?22PF  
BP:2POR 2 5  
END

FREQ  
ESTP 100MHZ 200MHZ 10  
step 144.9MHZ 145.1MHZ 50KHZ  
END

OPT

-----> How to specify this block if i would trying to optimate this  
preamp  
for best preformance, i am going to put in this preamp between my radio  
and antenna  
50 ohm radio impendance and a 50 ohm antenna  
does anybody knows how to put this pse send email to me  
mail:jorgenj@uddeholm.se

END

DATA  
BFR91A:S



0.2GHZ 0.72 -65 5.3 130 0.08 55 0.83 -25  
0.5GHZ 0.51 -125 3.1 95 0.11 45 0.62 -35  
0.8GHZ 0.46 -165 2.1 75 0.12 50 0.55 -40  
1GHZ 0.47 170 1.7 65 0.14 55 0.51 -45  
1.5GHZ 0.51 145 1.2 50 0.17 65 0.49 -60  
END

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Bradley S. Mitchell" <bmitchel@kodak.com>  
Subject: [1589] New qrp list  
Message-ID: <325EA6D4.67D4@kodak.com>

Kinda frustrated here.

Seems that fewer and fewer people on the list know/care  
about building from scratch.

I would really like to talk to people about this type  
of thing, but Typically I get no response, or  
one e-mail from someone that I know well is a true  
homebrewer.

Maybe it's time to start a QRP-HB list?

Would there only be 2 subscribers?

73 Brad WB8YGG

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Matthew Trail <mtt6@cornell.edu>  
Subject: [1572] New source for Black widow rods (confirmed)  
Message-ID: <199610111339.JAA05698@postoffice.mail.cornell.edu>

Okay, gang

I don't know about Cabelas for the Black Widow fishing pole; I too  
initially was told they had them in stock.

However, like any good qrp'er, think REDUNDANCY!

I called BASS Pro Shops, and they have the Black Widow in stock.  
Item number is  
#105116, and the price is \$21.88. Their number is 800-227-7776.

Nope, I'm not an employee of either; I just fish a lot!  
Sorry about the confusion.

Matt AA2ZD

PS: Okay, time fer a little fox-fishing...

Matthew Trail	Amateur Radio: AA2ZD
Administrative Director,	email: mtt6@cornell.edu
Telluride Association	
work (607) 273-5011	
home (607) 266-8356	

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Joel Malman <malman@BBN.COM>  
Subject: [1634] Old TV's as part source  
Message-ID: <199610120124.VAA36587@nss2.CC.Lehigh.EDU>

Group,

Speaking about old TV's or VCR's as part sources ... I happen to have an office near our PC installation team office. Yesterday I noticed that they were going to trash an old 2400 baud modem. I said, what the heck, maybe it has some neat parts I can use.

Well I opened it up today and it has the usual stuff, a small speaker, lithium battery, lots of LED's, switches and caps, diodes .. all good stuff. In addition to usual Rockwell modem chip-set it has a Z80 CPU and assorted Z80 support chips!

Gee, these Z80 CPU chips must have cost at least \$100 when new! As for me, I'm not into doing any Z80 work, but there might be hardware / computer builders out there who would love to pick-up an Z80 for the cost of postage.

Anyone interested?

OBQRP: heard snippets of Bob (W03B) the FOX, last night. I could not hear hunters calling, but heard the FOX responding to calls. Strange.

/joel wa1qvm (concord, ma)

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: "Seabury Lyon, AA1MY" <SSLYON@postoffice.worldnet.att.net>  
Subject: [1644] QRP FREQS  
Message-ID: <19961012030611.AAA29498@LOCALNAME>

Greetings, all.

For the benefit of us N.K.O.B.'s, would someone please post the common QRP frequencies of interest? Perhaps there is a well-maintained list of calling and net freqs? Thanks in advance. BTW... GREAT job on The Quarterly. 73

Seabury "Seab" Lyon AA1MY  
44 Codfish Hill Road  
Bethel, CT, 06801, USA

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Jerry <frog@sd.cybernex.net>  
Subject: [1608] QRP-L is Breaking Me !  
Message-ID: <199610112024.PAA29741@pinto.sd.cybernex.net>

All because of this mail list I'm going broke. First there was the NC-40A, next came the St.Louis Tuner, then the 49ER, lets see, next the Sierra and band modules, which I'm still buying. Oh yes the KC-2 which I'm still having problems with. Now I must build the St.Louis Vert, gotta have one. I think I read about a set of keyer paddles I can build that is in the Sept QRPP, which I still have not got. And oh yes, I'll have to have a SST. I'm going broke because of this list and LOVING IT !!!!!!!

Jerry -- NR5A

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: lve1@inel.gov (Larry V East)  
Subject: [1604] Scam Info  
Message-ID: <2.2.16.19961011192732.282f3f68@eloi>

The following has ABSOLUTELY NOTHING to do with QRP, so don't bother sending me email to point that out... :~) However, it might save someone an expensive phone call.

>  
>Wednesday, October 9, 1996  
>  
>809 area code a killer app for scam artists  
>

>Newest alleged scheme hooks victims via urgent e-mail  
>messages  
>  
>By Ryan J. Donmoyer  
>  
>A popular scam that coerces unsuspecting consumers to  
>dial costly international pay-per-call telephone numbers  
>has spread to the Internet, watchdog groups and  
>telecommunications industry officials warn.  
>  
>A company identifying itself as "Global Communications"  
>has been sending unsolicited and tersely worded e-mail  
>messages threatening legal action unless the recipient pays  
>an unspecified overdue account. The message then gives a  
>name and a number in the 809 area code to call for further  
>information.  
>  
>"I am writing to give you a final 24 hours to settle your  
>outstanding account," the message warns. "If I have not  
>received the settlement in full, I will commence legal  
>proceedings without further delay. If you would like to  
>discuss this matter to avoid court action, call Mike Murray  
>at Global Communications."  
>  
>Callers to the number are led to believe they are talking to  
>a live person, but in fact it is a clever recording that  
>responds to the caller's voice. Among other things, an  
>irate-sounding man with a British accent warns, "Your  
>check will come round or we'll come round to get it." The  
>recording seems designed to keep callers on the line as  
>long as possible, and is reportedly billed at \$25 per minute.  
>  
>Although it may look like any other area code in the  
>United States, 809 covers the Caribbean. Calls there are  
>billed at international rates, and in many cases, surcharges  
>for proprietary services -- often phone sex lines or  
>astrology services -- are added.  
>  
>Andy Boisseau, a spokesman for AT&T, says his company  
>has become aware of many scams in recent months which  
>urge recipients to call an 809 number. Some of them  
>include:  
>  
>\* Messages left on voice mail or answering machines  
>claiming to have information on a family member who is  
>ill, has died or has been arrested. Another version may  
>leave a message promising recipients a prize.  
>

>\* Unsolicited calls made to pagers sending an 809 number  
>to call. AT&T blocked calls over its network made from a  
>Dominican Republic number that was clearly fraudulent.

>

>\* Newspapers and Internet advertisements for "mystery  
>shoppers" and overseas job opportunities. Typically, these  
>ads list a domestic number, which refers callers to the 809  
>number. "A recording on that number contains a long-  
>winded message that refers to companies that supposedly  
>offer jobs for shoppers who check on store quality,"  
>according to an AT&T news release on the subject. "When  
>people call those companies, which are legitimate  
>businesses, there are no jobs to be had. The companies  
>don't even know they are mentioned on the recording."

>

....

>

>Although the 809 area code is a legitimate one on the  
>North American calling system, unless you are planning a  
>Caribbean vacation, have family, or do business in the  
>region, be wary, she adds.

>

....

>

>Top Internet scams

>

>While 809 area-code scams may be the most insidious, they  
>are not among the most pervasive online ripoffs, according  
>to the National Consumers League. The group is releasing  
>what it says are the top Internet-related scams. The list is  
>compiled from six months' worth of complaints to the  
>group's Internet Fraud Watch Web site, which has  
>averaged about 20,000 visits a week since it was created in  
>February.

>

>According to the NCL, the top five Internet scams are:

>

>1. Pyramid schemes: Also known as "Ponzi schemes," these  
>arrangements make money for a handful of early players,  
>but most investors lose everything.

>

>2. Internet related services: Scam artists promise -- but  
>don't deliver -- Internet services, such as Web site design  
>or Internet access accounts.

>

>3. Equipment sales: Crooks sell computers or computer-  
>related equipment -- such as RAM chips, motherboards, or  
>sound cards -- but either don't deliver or deliver less than

>promised.  
>  
>4. Business opportunities: Scammers sell business  
>opportunities that are too good to be true, often leaving  
>buyers unable to recoup their investment (or, in some  
>cases, make anything at all).  
>  
>5. Work-at-home offers: A perennial favorite for scam  
>artists in classified ads, work-at-home schemes have gone  
>high-tech to snag online consumers. These may involve  
>converting graphics or photos, or doing word processing.  
>The work usually doesn't meet the crooks' "standards"  
>when completed.  
>

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [1561] Soldering iron recommendations  
Message-ID: <199610110616.XAA15013@primenet.com>

Howdy Again,

Well, my old soldering kit blew away during the Great  
Not-A-Tornado here in Phoenix last July. (That'll teach  
me to work on the patio and leave my tools out...)  
Problem is that I'm about to order a Sierra and I hear  
that a soldering iron really helps when you're putting  
the rig together. :-)

Could any of you recommend a nice soldering iron/station  
in the US\$30-40 range? Cheaper is fine, but can't spend  
any more than that.

Thanks very much. I'll summarize if there's any interest.

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: wk9t@juno.com (Rod Logsdon)  
Subject: [1593] South Bend SD-20 at Sports Authority

Message-ID: <19961011.113722.27150.0.wk9t@juno.com>

For those of you who have Sports Authority stores in your area, you may want to give them a call. I just bought the South Bend SD-20 telescoping rod for \$24.96 + tax. I got mine at the Sports Authority store @ 160 South Gary Ave, Bloomingdale, IL 60108, 630-582-3995. They had 3 more on the shelf. Their SKU # is 12595559. I will have my St. Louis Vertical operational this weekend, now I just need to finish my OHR-400. I hope to complete that project this weekend also, all the boards are stuffed, I have to build the chassis and do all the point-to-point & alignment.

-----  
73/72 de Rod ... WK9T Carol Stream(Chicago), IL  
Grid: EN-51ww      QRP-L # 616      ARS # 153  
E-mail: wk9t@juno.com

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Richard Wilkerson <richqrp@pacbell.net>  
Subject: [1610] SST  
Message-ID: <325E4DA2.4AD8@pacbell.net>

Has any spec's for the SST been out??  
pwr,band,etc?

thanks...rich..wd6fdd

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Bill Myers <bmyers@destin.nfds.net>  
Subject: [1570] St. Louis Tuner...  
Message-ID: <1.5.4.16.19961011075001.1a3fd5fc@destin.nfds.net>

>Date: Wed, 09 Oct 1996 23:58:37 -0700  
>From: Jerry Parker <jparker@fix.net>  
>To: qrp-l@Lehigh.EDU  
>Subject: [1462] St. Louis Vertical  
>Message-ID: <2.2.32.19961010065837.0068e860@fix.net>  
>Mime-Version: 1.0  
>Content-Type: text/plain; charset="us-ascii"  
>  
>Complete information including pictorials, instructions and source info  
>is now available on the NorCal Page:  
> <http://www.fix.net/norcal.html>

Thanks Jerry. I'll be ordering the pole shortly, I already got everything

else.

Now, where can I get the plans/pictorials/instructions/source info for the appropriate tuner, the St. Louis of course???

I'm itchin to get my HW-7 up with all this new stuff.

72/73

Bill Myers    KK4KF    ARRL    QRP-L #755    FISTS #2390  
Shalimar, FL    grid EM60

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: kub@upl.com (Steve Kubisch)  
Subject: [1578] St. Louis Vertical  
Message-ID: <9610111454.AA19469@ringworld.pacificorp.com>

Hi,

Just got off the phone with Cabela's. They still show the Black Widow in stock and one is headed my way. Downloaded the article with diagrams from the NorCal Web page (nice job Jerry), and am ready to build this puppy. This looks perfect for Utah, Arizona, etc, desert country where 90 ft pines are at a premium. Just stick it in the sand and go. Last time I was in Moab and camping on a high mesa of Canyonlands Nat. Park, I dangled a long wire over a 1000 foot cliff that was undercut so the wire was in the clear. Worked, but was VERY directional, HI. That was the lowest antenna I ever used, but putting it up, err... down, was a piece of cake. No fox in Utah last nite, only hunters.

72,

Steve -WW7Y-

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [1580] Star Party/QRP rpt  
Message-ID: <199610111521.JAA13477@zia.aoc.nrao.edu>

It was a fun first night at the star party. When you're trying



to get up two tents, a vertical and inverted vee, gosh the sun sets fast! Did manage a handful of QSO's on 40M, but none with the list members I don't think. Will be on again tonite from 8-9pm Mountain time to around midnite. 40M crapped out last night about 11pm. Listen for NA5N or K9PV.

The highlight for me last night was seeing the Hale-Bopp comet through several nice, homemade telescopes. Tom Bopp showed up (co-discoverer of the comet) so had the pleasure of seeing \*HIS\* comet through the telescope he discovered it in. It is now a naked eye comet in the southern skies, about magnitude 5.0 to 4.7. In a scope, you can clearly see the head as a small disk and the outgassing is tremendous, probably 150 degrees. It is five months away, brighter than predictions, and could be a very nice show next spring.

Tom Bopp has always wanted to be a ham. So tonite, I promised him we'd have a couple of slow speed QSO's so I could write down the QSO and he could see what goes on. He sat in the tent last night through 2 QSO's, fascinated at CW, though he didn't have a clue what was going on. Obviously building his own telescope and discovering a comet with it, he has a deep appreciation for anything that is "homebrew." We might have a new famous QRPer amongst us in another year. Howard K9PV gave Tom Bopp a copy of Super Morse this morning!

CU TN, Paul NA5N and Howard K9PV

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: jdenison@aisp.net (JOEL DENISON)  
Subject: [1618] Thanks  
Message-ID: <19961011213013922.AAA294@slip7.ts-f-merrill.caps.maine.edu>

Thanks for the replies to my request for input on the fox hunting. All but one had some good positive suggestions and answers. Thank you one and all.

God bless

joel

WA5CVM

Joel Denison

81 High street

Farmington, Maine 04938

jdenison@aisp.net

Qrp ARCI #4066 NE-QRP #476 QRP-L #765

QRP PLUS 5w SSB & CW

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Mike Boice <kd0fx@worldnet.att.net>  
Subject: [1558] Throw up an antenna  
Message-ID: <1.5.4.32.19961011055904.0067f12c@postoffice.worldnet.att.net>

Seeing as how today was especially windy, and not a pleasant time to be climbing trees, my mind naturally turned to getting another antenna in the air. I currently am using a full-wave delta loop for 30 meters, up a whopping 5.5, 11 and 15 feet at each of its 3 corners. Best I could do with the real estate, neighbors & power lines. While this gets me out on 30, it's obviously more of a cloud warmer than sky hook.

Lately I've been thinking about trying to get a loop up that's much more in the vertical plane, rather than the horizontal. After thoughtful consideration, I've decided to surrepticiously use a handy neighbor's tree whose branches extend into my back yard to provide a center support. It's a nice spruce, probably 35-40 feet tall. Not much, but the tallest thing around here, other than the utility pole another 60 feet away.

So....(here's the catch) any suggestions on getting the line to stay in the tree after I launch it up with a slingshot/wrist rocket? As I said, the tree is a healthy blue spruce, with very dense branches. No hope of climbing it to secure a support line (not to mention it's in the neighbor's yard), nor much of hoping the line will drop back down to the ground after crossing over a limb. I've got some fishing line & day-glo sinkers to shoot up, to which I was thinking of attaching the antenna wire. The other 2 corners of the loop will be attached to a pole & a too-long fence post that just happened to appear the last time I needed to string an antenna up.

Chao.....

73,  
mike KD0FX  
Richland WA QRP-L #576

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Mike Robinson <miker@cc.com>  
Subject: [1633] Toroids  
Message-ID: <96101111547.AA22545@voder.nsc.com>

I have had good success winding open air coils using an inductor formula of:

$L = (d^2 * n^2) / (18d + 40len)$   
L is the inductance in uH  
d is the diameter of the coil  
n is the total number of turns  
len is the length of the coil, or n/tpi (turns per inch)

But how do I incorporate the permeability of a ferrite core into this formula?

Maybe a better question is: What is the formula for winding toroids?

```
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
```

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: bruce muscolino <w6toy@pop.erols.com>  
Subject: [1612] TRAC keyer  
Message-ID: <199610112056.QAA15293@smtp2.erols.com>

I have a TRAC keyer I bought many years ago from an SK's estate. It came without documentation. Does any have a manual or schematic for this thing? I'd be pleased to purchase same or pay for copies and postage.

73,

Bruce -- W6TOY/3  
--  
Bruce -- W6TOY/3  
QRP, Really! (c)

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: kb0rol@juno.com (Bradley L Mugleston)  
Subject: [1647] Tuning a vertical  
Message-ID: <19961011.203434.7615.4.kb0rol@juno.com>

I have an old hy-gain vertical (Model 18 AVT/WB-A 80, 40, 20, 15 and 10M) and I can't seem to get it tuned. Acutally its a pain putting it up

and taking it down for adjustments.

Can I tune it supported between two plastic chairs using my Autek RF-1 or does it need to be vertical and isolated from everything.

Do the radials need to be attached?

How far away should I be so I don't interfere with its tuning?

Should I get the whole thing shinny or can I get by with just the connections.

And when is the next Novice Fox going to be on the air?

Thank you all. This is a great group, even those of you that can't stand my punctuation or spelling 8-)

Brad Mugleston - KBØROL  
Colorado QRP Club # 170, QRP-L #316, ARRL  
QTH - Aurora, CO - DM79oq  
KBØROL@JUNO.COM  
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Mike Boice <kd0fx@worldnet.att.net>  
Subject: [1648] Up antenna  
Message-ID: <1.5.4.32.19961012040524.0069f904@postoffice.worldnet.att.net>

Well, following the advice of Jerry W1UI and Steve KG7PV, I got my loop hoisted into the lucky spruce this afternoon. Took more than a few tries to get it to come down relatively close to the trunk, but it should work now. The first shot took the lead sinker up & over the spruce, across my neighbor's lot, and into an apple tree on the far side. Would have been nice start for a long wire, but I didn't think I could get away with it. Finally got it strung up, coax hooked up, & coax sealant applied (boy, is that stuff sticky).

30 didn't seem alive enough to really notice a difference in signal strength between this (vertical delta loop, peak at about 35 feet, each lower corner at around 12 feet) and my other loop (mostly horizontal, corners at 5.5, 11 and 15 feet). The new, vertical loop was somewhat quieter (as in less noise), tho, on some signals. With this one working, maybe I can squeeze a 40 meter loop out of my original horizontal loop, just to have a resonant antenna on 40. Of course, I don't have a rig for it (yet).....

Just FYI, I got my basic loop information out of "W1FB's Antenna Notebook,"

pages 71 & 72, as well as from postings earlier this summer. I cut the new one for 10.115 MHz, and made it a monobander by feeding it with a 16.5 foot 75 ohm coaxial matching transformer.

It's oriented broadside to north-south now, so needless to say Texas comes in well.

Just checkin' in from KD0FX/7.

ciao.....(note correct spelling)

73,  
mike KD0FX  
Richland WA QRP-L #576 QRP ARCI #9270

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Joe Everhart <n2cx@voicenet.com>  
Subject: [1640] USPS Strikes Again - II  
Message-ID: <199610120235.WAA03764@mail3.voicenet.com>

Gang,

Well there have been more '72' newsletters send incorrectly to me. Sorry for the bandwidth, but I'm sure you can all appreciate the fact that folks are anxiously awaiting their quarterly fix! I now how they feel - just got my QRPP today.

Here is the list so far:

N2MNN  
KC1WV  
WA3SRE  
W2FB  
NRRIZ  
W1OFK  
KM4VZ  
N2SMH

I've been gettig a few each day. And each day I mark them to show the correct address and re-mail them. So far no returns of the re-mailed issues.

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com  
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)  
Subject: [1590] WNY a Black "Fox"hole?  
Message-ID: <19960ct11.130400.1483.22785@facilities.buffalo.edu>

This foxhunting is getting depressing. No catches yet. Last night I listened for Bob, W03B for over an hour and hear ZIP! Not even a pileup. But I did have a nice chat with Jim, N2G0 who lives a grand total of 5 or 10 miles from me. When we qso'd, he had not heard Bob either.

Is there a secret antenna required to bag one these foxy characters?

BTW- Dick, AA2WJ- Is hamming better or worse in TX?

72, Mark, N2VPK

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: windish@ix.netcom.com (Walter G. Windish )  
Subject: [1567] Re: Antenna question  
Message-ID: <199610111152.EAA00433@dfw-ix3.ix.netcom.com>

Hi Jerry, you wrote:

>

>Whatever your configuration, I suggest using open wire feed and a  
>tuner. You can DC ground one point on the loop for static discharge,  
>which I highly recommend.

>

>GL 72 --Jerry W1UI

>

>

Thanks for the advice. One question - how do I DC ground one point on the loop? Doesn't one side of the open wire get grounded through the ground on the transceiver?

- Walt KB2JE

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: rright@primenet.com (Roger Hightower)  
Subject: [1557] Re: Cabela Pole  
Message-ID: <199610110530.WAA28720@primenet.com>

At 08:32 PM 10/10/96 -0700, Phil Wheeler wrote:  
>Not to argue...but the latest catalog (Fall 1996) does NOT have the pole  
>in question.  
>

That's because Cabela structures their spring catalog for fishing and the fall catalog for hunting.

I ordered the Black Widow pole on Tuesday and was assured it was in stock.

All other materials for the SLV are on hand here....hope to be QRV with it by the 19th.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: JessQRP@aol.com  
Subject: [1620] Re: Cabela Pole  
Message-ID: <961011175812\_331571261@emout15.mail.aol.com>

Hummm.....

I called Cabelas yesterday and had no problem ordering the pole and the lady on the other end of the line even asked me what length of pole that I wanted. For an extra \$3.50 I even got them to ship it priority. With any luck I should have mine by next Tuesday. I hope that I will not find out that they said they have them and now they don't. I called all over the Denver area and all of the people I talked to thought I was nuts asking for a 20 foot fishing pole. Not that much demand in trout country for poles that long!

Best  
Jess NOTFI

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Phil Wheeler <pcw12@ix.netcom.com>  
Subject: [1637] Re: Cabela Pole  
Message-ID: <325EFFD8.1E61@ix.netcom.com>

Great, Roger. VERY glad to hear that good news. I have one for my SLV.  
But seeing it has given rise to other thoughts re using it as an antenna  
support (e.g., inverted V's).

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Richard Mulvey <mulveyr@frontiernet.net>  
Subject: [1611] Re: CW "Dash" (was: CW question)...  
Message-ID: <199610112039.QAA47262@cl1.frontiernet.net>

>  
>  
> >Actually, BT ( dash ) is dah-di-di-di-dah.  
>  
> Actually, NO! The BT prosign is NOT a DASH.  
> Tho' I've heard it misused that way often.  
> As was said before, the '-' is...  
>  
> "dah-di-di-di-di-dah"

OK, now I'm confused. :-) When I was learning Morse, I was  
taught that BT is equivalent to a '-'. Now, looking into an old  
exam manual, it shows that BT is a 'long-dash', and doesn't include  
a specific '-' character at all, although it shows the other punctuation  
characters like '+', ';', etc.

I can just see where this is heading. :-)

- Rich

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Patrick Taber <ptaber@logicraft.com>  
Subject: [1591] Re: CW question  
Message-ID: <1.5.4.32.19961011171102.0095dcd8@freebird>



At 11:20 AM 10/11/96 -0500, you wrote:

>Has anyone come up with a way to send a URL in morse code?

>

>How would I send "http://qrp.cc.nd.edu/qrp-l/"?

>

>I suppose I could leave off the "http://", but how would I send the  
>periods, with a di-dah-di-dah-di-dah? How about the dash in "qrp-l"?

>

The slashes, of course are fraction bars (dah-di-di-dah-dit) I'd send  
periods for the periods and a double-dash (dah-di-di-di-dah) for the dash. I  
suspect the exchange would be either

KC1TD: dah-di-di-di-dah di-dah-di-dit

W1HUH: WAS THAT QRP DASH L?

or

W1HUH: QRP WHAT?

KC1TD: QRP DASH L

That is, unless the guy on the other end thinks the way you do, someone's  
going to end up spelling it out.

By the way, I never send URLs. When I have free time there must be something  
I'd like to discuss less than computers, but I can't think what it might be.

>>>==>PStJTT

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: Joe Gervais <vole@primenet.com>

Subject: [1592] Re: CW question

Message-ID: <199610111720.KAA22928@primenet.com>

Steve (N8HSC/9) wrote:

>

> Has anyone come up with a way to send a URL in morse code?

>

> How would I send "http://qrp.cc.nd.edu/qrp-l/"?

Maybe I'm being lazy, but I usually just get their email  
address and send the URL to them. Much less error-prone.  
Heck, I can barely type in most URL's accurately, much

less send one CW and hope the other guy gets it right. :-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [1597] Re: CW question  
Message-ID: <Pine.SUN.3.90.961011113442.7139B-100000@vortex.sage.dri.edu>

On Fri, 11 Oct 1996, Steve Hideg wrote:

> Has anyone come up with a way to send a URL in morse code?  
>  
> How would I send "http://qrp.cc.nd.edu/qrp-1/"?  
>  
> I suppose I could leave off the "http://"

Yep!

> but how would I send the periods, with a di-dah-di-dah-di-dah?

Yep!

> How about the dash in "qrp-1"?

The "-" is sent dah-di-di-di-di-dah

I use that when sending phone numbers and the good, ole' qrp-1.

Now, if you want to know if anyone understands it? Hey, I just send it!

But really, that is one of the almost common prosigns, (isn't that what they call them?), and we really should know it.

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Richard Mulvey <mulveyr@frontiernet.net>  
Subject: [1601] Re: CW question  
Message-ID: <199610111853.0AA52052@c11.frontiernet.net>

> > How about the dash in "qrp-l"?  
>  
> The "-" is sent dah-di-di-di-di-dah  
>  
> I use that when sending phone numbers and the good, ole' qrp-l.  
>  
> Now, if you want to know if anyone understands it? Hey, I just  
> send it!  
>  
> But really, that is one of the almost common prosigns, (isn't that  
> what they call them?), and we really should know it.  
>  
>

Actually,  $\overline{\text{BT}}$  ( dash ) is dah-di-di-di-dah.

- Rich

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [1609] Re: CW question  
Message-ID: <Pine.SUN.3.90.961011133207.8327A-1000000@vortex.sage.dri.edu>

On Fri, 11 Oct 1996, Richard Mulvey wrote:

> > > How about the dash in "qrp-l"?  
> >  
> > The "-" is sent dah-di-di-di-di-dah  
> >  
> > I use that when sending phone numbers and the good, ole' qrp-l.  
> >  
> > Now, if you want to know if anyone understands it? Hey, I just  
> > send it!  
> >  
> > But really, that is one of the almost common prosigns, (isn't that  
> > what they call them?), and we really should know it.  
> >  
> >

>  
>     Actually,  $\overline{\text{BT}}$  ( dash ) is dah-di-di-di-dah.  
>  
> - Rich

Page 19-2 of the 1988 callbook show:

Hypen or dash [-] as dah-di-di-di-di-dah or  $\overline{\text{DU}}$ .

The well known  $\overline{\text{BT}}$  is used as a "break", over, as in "back to you".

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Kevin Bunin <p014455b@pbfree.net.seflin.lib.fl.us>  
Subject: [1628] Re: CW question  
Message-ID: <Pine.3.89.9610112007.B23556-0100000@pbfree.net.seflin.lib.fl.us>

Of course, the slash is sent as forward ... hi

Kevin Bunin  
p014455b@pbfree.net.seflin.lib.fl.us

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Kevin Bunin <p014455b@pbfree.net.seflin.lib.fl.us>  
Subject: [1629] Re: CW question  
Message-ID: <Pine.3.89.9610112002.A23556-0100000@pbfree.net.seflin.lib.fl.us>

Hi, Steve. On CW dots or periods in numbers or addresses have  
traditionally be sent as an "R" .-.

a dash is spelled out as "dash" qrp dash 1  
a colon would be spelled out also http colon  
the slashes or sent as the normal morese character -...- (dahdididahdit)

There are morse equivalents for a colon also, but you are right. Takes a long time and spelling it out is clear.

I hope this helps. There are probably lots of opinions out there I am sure Good luck!

de Kevin WV5Z

Kevin Bunin  
p014455b@pbfreenet.seflin.lib.fl.us

On Fri, 11 Oct 1996, Steve Hideg wrote:

```
> Has anyone come up with a way to send a URL in morse code?
>
> How would I send "http://qrp.cc.nd.edu/qrp-l/"?
>
> I suppose I could leave off the "http://", but how would I send the
> periods, with a di-dah-di-dah-di-dah? How about the dash in "qrp-l"?
>
> Thanks.
>
> --Steve
>
> -----
> Steve Hideg, N8HSC/9 QRP-L #136
> Check out the Internet QRP Club's site on the WorldWide Web:
> <http://qrp.cc.nd.edu/QRP-L/>
>
>
>
```

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Brian Kassel <bkassel@enet.net>  
Subject: [1583] RE: FL -30 Passive Audio Filter  
Message-ID: <325E6D56.7347@enet.net>

```
>-- I have had one since I was in High School (graduated 1963!)
>It is WW2 surplus, and it's actual intended use was as an outboard
>cw/phone filter.
```

Just to keep the record straight, I was wrong in the previous message about the original intended use of the FL-30 filter.

I did however warn you all about my memory ;> )!

I'm sure that the original purpose of the unit was for aerial navigation as very well described in another member's message.

All of the other info in the message is correct however. In addition, I found that the center frequency of 1020 Hz was too high for most of my radio's offsets.

The thing is so rugged though, it probably could survive a nuclear holocaust of biblical proportions!

```
*****
* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion #17 *
*           QRP-L #404   -   ARCI #3623           *
*****
```

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [1559] Re: fox hunting (Long)  
Message-ID: <199610110603.XAA14433@primenet.com>

Joel (WA5CVM) wrote:

```
>
>           I've listened for the two foxes these past two days. I barely hear
> one and never heard the other.
[ SNIP ]
>           Or have I missed a part that says the fox's operating time will be
> varied so that "the fox" will cover all the US?
[ SNIP ]
>           I'm new here on qrp-l and a bit nervous about this. However, I think
> this is a good question/suggestion and worthy of discussion.
```

Good question, but would it really help? Sometimes propagation is short, sometimes long. Some ops start at 0100 UTC, some will start at 0200, etc. Sometimes the Fox is using a vertical, a high dipole, a low dipole, etc. which may favor any number of directions and distances.

So there's the rub. Add more Foxes on a night, and you still have the same variables to contend with.

I wouldn't get too discouraged this early on in the game. We have months of Fox hunting ahead of us. So what \*can\* you do?

Play around with the variables you have control over.

Want to know what's worked for me so far? I have two antennas up - a Hamstick vertical and a low inverted-vee. Very different areas of coverage. I switch between them alot, and stick to whichever one is giving me a better signal that night. Last year all I had was the low inverted-vee, couldn't hear most of the Foxes, and only worked two the whole season. Is your horizontal loop working as a close-in antenna for you? If so, add a low angle radiator and you'll have great all-around coverage. And it just may change the game for you.

And equally important - don't give up! Often you may only have a few minutes when conditions favor you. Be there when it happens and keep plugging away. If you can't hear the Fox, listen to the pileup. It may be an hour, maybe all two hours before the Fox's signal pops up out of the noise for a brief moment. And you want to be there when it happens. Listen to the pileup. Who's getting through? Are they sneaking their calls in fast as the Fox signs QRZ? Or did they wait a few seconds for the pileup to pause? Are all the successful hunters 300Hz down from the Fox? 200Hz up? Zero beat? Etc.

Hope this doesn't come off as condescending. Just throwing out what little pseudo-wisdom I've pretended to acquire in my short existence. :-) Hopefully it was useful to someone. I'm still learning alot of this, so I'm thinking out loud here.

The Foxes have all proven to be great operators, pulling in some very weak signals (like mine!) under terrible conditions. Just make sure you get as much RF into their rig as you can, and they'll do the rest. :-)

Hope to hear you out there. Good luck and happy hunting!

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [1552] Re: Fox missed in NV  
Message-ID: <Pine.SUN.3.90.961010215213.5342B-100000@vortex.sage.dri.edu>

I heard W03B about 549 just before he quit. He called cq,  
I threw in my call, waited for another station to finish

and then.....bingo....it was quitting time!

On the other hand, I did have fun at the PBS station tonight!

Off to Idaho for the weekend Friday afternoon.

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Dean Marzocca" <n2tnn@ifu.net>  
Subject: [1636] Re: FOX Results for 10-10-96  
Message-ID: <199610120136.VAA02016@mail.ifu.net>

Joe,

I'm here and listening. It is very quiet, VERY quiet here. I don't like it here any more. Maybe too many trucks here and FOX don't like it.

I don't know but what can we use for fox bait??? Maybe he will be hungry and need NJ. can't get to 50 without us.

I don't know but I am waiting, and waiting...

72/73, Dean, NJ, N2TNN, QRP-L # 560  
EMPS Q=4 S=3 DX=1 And NO FOX

-----

> From: JEVERHART@cayman.vf.mmc.com  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: RE: FOX Results for 10-10-96  
> Date: Thursday, October 10, 1996 9:42 AM  
>  
> Norm et al,  
>  
> Didn't get to listen until 0210Z because of local planning board meeting.  
  
> Lots of activity on the band, but no definite fox sighting. Heard one guy,  
> WA5WHN I think, commenting on how many folks were waiting to catch the fox  
> (cruel, very cruel). There was the faintest peep from Norm momentarily after



> that.  
>  
> Looking at that time period in the fox log, there were east coast QSO's  
to NY  
> and NE. Surprisingly nothing from NC, VA, MD, NJ or PA. Were there any  
> hunters on from those states besides me?  
>  
> Heard signals mainly from western call districts except of one 9/QRP and  
a  
> 8/mobile around the frequency. Also an XE, an F and a G.  
>  
> If it were too easy, it wouldn't be any fun I guess. At least that's  
what I  
> keep saying to myself, over and over and over again. :-)  
>  
> 72/73,  
>  
> Joe E., N2CX  
>

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: JCoote@aol.com  
Subject: [1632] Re: HF Mobile from a JEEP  
Message-ID: <961011204236\_1178782606@emout06.mail.aol.com>

In a message dated 96-10-10 18:04:39 EDT, qrp@earthlink.net (Nomadic  
Librarian) writes:

<<  
I'm contemplating buying a JEEP Wrangler Hardtop - anyone else run HF  
mobile in a JEEP CJ/TJ with a synthetic hardtop? Ball mount off the  
rear quarter panel? Bumper mount?  
--

\*\*\*\*\*  
\* Robert Schnick KA3YJG  
\* HF Low power enthusiast QRP  
\*\*\*\*\* >>

Yep, been there and done that. I owned a 1980 CJ-7 with plastic top. On  
the left and right sides, towards the back I used Antenna Specialists ball  
mounts and springs. ASP makes better ballmounts and springs than Hustler  
RadioShack or brand X. This puts the antenna far back as possible from the  
metal rollbar which might detract from the signal. The hole comes out above  
the ledge and is easily accessible. The ledge makes a good place for tuners  
(coax type or military whip/wire types) and other equipment. Depending on

what I wanted to do, the ballmounts and springs might hold two HF whips for quick changeover while mobile or a 2-meter Hustler whip and HF whip... or even Banda Civil for a couple trips down the Baja.

Mount them on the sides, not the back. ASP makes ball mounts springs and whips in several finishes including chrome and nickel plated. Bumper mounts are nowhere near as good- too low, too much of the radiator parallel the vehicle (and they look dumb).

You might think about a little shockmounting depending how crazy you get when off-road. Perhaps some military shockmount legs could be converted to mount a radio tray or console between the seats or on a rear ledge.

73, Jay  
WB6AAM

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>  
Subject: [1619] Re: JPS ANC4 info?  
Message-ID: <Pine.SUN.3.95.961011155037.16676B-100000@ume>

On Fri, 11 Oct 1996, J. Skalski wrote:

> Does anyone use the JPS ANC-4 Antenna noise Canceller?  
> Any observations or comments would be helpful.  
> Does anyone have there own version of the above?  
>

I have one, picked it up at Dayton. It works well for what it is designed for. It removes the noises that my NIR 10 can't. Together they work very well. You need to play around with the antenna and remember, it will only remove ONE noise at a time. It is also very effective as an active SWL amplifier for short wires etc. For urban dwellers using verticcal (I have a 65 foot shunt loaded tower for 80 and 160) I would suggest the anc4 first, before an outboard dsp.

Just my two cents worth.....there is this guy in Park City UT that should have a comment or two as well.....

Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO \* VE6GK  
Clinical Assistant Professor \* NorCal 519 ARCI 7650 GQRP 8329  
Faculty of Medicine, Univ. of Calgary \* "Power is no substitute for skill"

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Bob Kellogg <ae4ic@nr.infi.net>  
Subject: [1641] Re: KC-2 wattmeter function  
Message-ID: <199610120233.WAA23610@mh004.infi.net>

Hi Dale,

At 07:28 AM 10/11/96 -0500, you wrote:  
>Got a question for the cognoscientii: Does the KC-2 counter/wattmeter/etc.  
>have a reverse power function for reflected power measurements?

It's just like a meter. It displays what you hook it up to. The normal installation instructions have you hook it up to measure power out. If you build a circuit to detect reflected power, then you can hook the same line to it, and you will display reflected power. I haven't done it yet, but I plan to do just that and use a "forward/reflected" switch between the two.

CUL,

Bob Kellogg, AE4IC  
Probably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: kd1jv@juno.com (STEVEN WEBER)  
Subject: [1623] RE: LOWfer ops?  
Message-ID: <19960912.044948.5471.9.KD1JV@juno.com>

Looks like there's more than a few out there interested in the top top band, thanks for all who sent info and antenna ideas.

I'll have to see what I can do fer antenna, and see if I can hear anything but static! (I'll save my giant spool of wire for something else, maybe a 50 ft dia disk cone for 1350 ? Yea, that could work :-)

TNX to all,

de KD1JV, Steve

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: JCoote@aol.com  
Subject: [1631] Re: Mounting an HF antenna on Subaru Legacy/Outback  
Message-ID: <961011204216\_1346353036@emout03.mail.aol.com>

In a message dated 96-10-10 12:29:19 EDT, babineau@nortel.ca (michael (w.m.) babineau) writes:

<<

Alternately, I have one of those big honkin three magnet mounts, which would work, but I'm concerned about scratching the paint on my less than one week old new car (I didn't care so much about the 10 year old one I just replaced). Any paint friendly advice on using one of these mounts??

Thanks,

Michael  
VE3WMB  
>>

Plastic or refrigerator bags over the magnets help but you may lose a few percent of magnet pull by doing that.

73, Jay  
WB6AAM

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: rhigh@primenet.com (Roger Hightower)  
Subject: [1603] Re: My New Callsign -- and a FCC Question  
Message-ID: <199610111855.LAA00856@primenet.com>

At 12:32 PM 10/11/96 -0700, Bob Follett wrote:

>Gang:

>

>Well, the FCC processed my paper, and I am now AB7ST.

>

>For all of you who have managed to associate me with WA7FCU will now have  
>to clear memory, and start over.

>

>Question: I know the FCC won't recycle SK's for two years, but what about  
>those folk who change callsigns? When does their old, abandoned callsign  
>become available for vanity? I see a few nice ones out there, and could be  
>tempted.

>

>I like the ST suffix of my call, but the B7 combination is sort of a pain,  
>CW wise. Or am I wrong?

>

>73, Bob, 3 for 3 on Foxes, but starting over. :-)

The two year rule applies to abandoned callsigns as well. Allegedly to stop

any "trafficking" in callsigns. Your friendly League pushed for this one.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Greg Newberry <newberry@cyberhighway.net>  
Subject: [1624] Re: My New Callsign -- and a FCC Question  
Message-ID: <325EF1BD.59D2@cyberhighway.net>

Bob Follett wrote:

>  
> Gang:  
>  
> Well, the FCC processed my paper, and I am now AB7ST.  
>  
> For all of you who have managed to associate me with WA7FCU will now have  
> to clear memory, and start over.  
>  
> Question: I know the FCC won't recycle SK's for two years, but what about  
> those folk who change callsigns? When does their old, abandoned callsign  
> become available for vanity? I see a few nice ones out there, and could be  
> tempted.  
>  
> I like the ST suffix of my call, but the B7 combination is sort of a pain,  
> CW wise. Or am I wrong?  
>  
> 73, Bob, 3 for 3 on Foxes, but starting over. :-)  
> -----  
> Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
> 2861 Estates Dr. VOICE: 801.649.6457  
> Park City, UT 84060 E-mail: bfollett@ditell.com  
Bob,

My call WB7DUO flows pretty good with the B7. -... --...  
Never thought about it because it seems to be pretty smooth. You'll like  
it after a week. Of course, if your like me it'll take a year to forget  
the old one. You'll have to turn off autopilot for a while<HI>  
Greg

--

Greg Newberry -  
newberry@cyberhighway.net  
WB7DUO QRP-L #760

newberrg{dhwtowers/regional/newberrg}@dhw.state.id.us

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: rright@primenet.com (Roger Hightower)  
Subject: [1642] Re: My New Callsign -- and a FCC Question  
Message-ID: <199610120257.TAA01548@primenet.com>

At 09:23 PM 10/11/96 -0500, Mitch, WA40SR wrote:

>Roger Hightower wrote:

>>

>> The two year rule applies to abandoned callsigns as well. Allegedly to stop  
>> any "trafficking" in callsigns. Your friendly League pushed for this one.

>

>to set the record straight, n4rx pointed out the possibility  
>of 'trafficking' in callsigns and suggested the 2 year rule  
>to both the fcc and to the league, and it was subsequently  
>adopted... (n4rx, my friend ralph holberg, designer of the  
>arrl flag)...

>

>mitch

>--

Thanks for the info, Mitch. I would think a better reason for the 2-year  
rule would be the unconscionably long time it takes for the QSL Bureau to  
distribute cards, :-)

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [1602] RE: New qrp list  
Message-ID: <961011150156.20400303@cayman.vf.mmc.com>

Brad,

Don't despair. There *are* some of us out here working on homebrew projects!  
As for me, I have two in the works, but I won't tell you about them yet.

Perhaps others share my reticence about describing them just yet, because at  
least one of them will be an entry in the NORCAL design competition. It will  
be a colorful addition to the art, but will take some adjustment. (I can hear  
Doug groaning as he reads this...) Hope at least a couple of others are also

engaged in that competition and don't want to tip their hand just yet.

The note earlier today asking for help with ARRL Designer is a good sign, too. We may have another potential roll-your-own candidate there.

Besides, maybe everybody is \*so\* busy building that they don't have time to talk about it here!

72/73,

Joe E., N2CX

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Patrick Taber <ptaber@logiccraft.com>  
Subject: [1606] RE: New qrp list  
Message-ID: <1.5.4.32.19961011194218.00928e44@freebird>

>Perhaps others share my reticence about describing them just yet, because at  
>least one of them will be an entry in the NORCAL design competition. It will  
>be a colorful addition to the art, but will take some adjustment.

Ooooh! QRP SSTV?

I keep hoping someone will design a station clock that uses the GPS system to keep the time set. It would blow the Heath Most Accurate Clock off the map....

>>>=>PStJTT

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: wb8ygg@juno.com (Bradley S. Mitchell)  
Subject: [1613] re:new qrp list  
Message-ID: <19961010.170512.9311.0.WB8YGG@juno.com>

Thanks to the many many many that responded directly to me at my other account.

Very Interesting projects going on out there for sure!

Too many probably to respond to directly, at least today..  
but I certainly do  
appreciate knowing that there are so many out there that are still

homebrewing.

As far as a new list is concerned.. One person brought up a negative point that is true... Cross posting.

I don't know how one could solve that unless a QRP-HB list was on the same server as QRP-1, and the server software was such that you could only sub to one at a time, and thus post to only one..  
Don't know if that could be done or not...

Thanks again for the encouragement, and everything!

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Dan Hogan <dhhogan@lightside.com>  
Subject: [1621] re:new qrp list  
Message-ID: <199610112256.PAA03528@covina.lightside.com>

OH! PLEASE!!!

Let's not start the "sub-divide the list" argument here. It's common when a list grows the way this one has. If you are not getting the discussions you want START THEM! Or start your own list.

73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806, ARRL  
dhhogan@lightside.com Lat. 34d 03.5'N Lon. 117d 56.0'W  
Grid: OM84wc

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [1622] RE: New qrp list  
Message-ID: <19961011.173133.4775.0.wb2vuo@juno.com>

No, Brad, we don't need a new list. QRP is a broad enough subject that



the kitbuilders and the scratchbuilders can, and do co-exsist nicely here.

And, you are not the only one on the List that mines his/her own ore for their components. The current iteration of the KB2YTW/B beacon is built from salvaged/left-over parts on a VERY ugly, hand-etched (ground out with a Dremel Moto-Tool, actually) PCB.

I did have to import the solder, as I couldn't fine any lead and tin in the mother lode, so I used Ersin Multi-core (tm) for the electric 'glue'...

72/73, Keith, WB2VUO, QRP-L #582

Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)

"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: torell@sicom.com (Kent Torell)

Subject: [1598] Re: New qrp list (HB)

Message-ID: <v02130503ae8432140cb5@[192.91.202.41]>

>Kinda frustrated here. ....<snip>

>       Seems that fewer and fewer people on the list know/care

>       about building from scratch. ....<snip>

>       Maybe it's time to start a QRP-HB list?

>                Would there only be 2 subscribers?

>                73 Brad WB8YGG

heh,heh,heh!...

We are lurking here, of course, but aren't always building. Always thinking about building tho. Building goes in stages and spurts, sort of block-diagram related. Paul Hayden, Laura, Dan Tayloe, Wayne, etc. all homebrew and contribute. Should see a lot more contributions this winter. My current project is designing a little dds vfo using the new analog devices AD9850. Should be low power (1/3 watt) for a dds, and very small. A co-worker is doing a pik controller/lcd for it. Enabling parts for this design were a decent cheap integrated dds from analog devices (about \$12) and a cheap shaft encoder (\$3). More news in about a week. I'm thinking about using this part in a radio at work also...

So, I don't see a need for another list...all the Fox traffic motivates me to build the next radio anyway :-). I guess I'll watch closer for your posts and offer up suggestions in the future. Sorry... I often think 'let Paul do it..'

72, ab7oa

Kent Torell      torell@sicom.com      602-483-2867 x40  
SICOM      7585 E. Redfield, #202      Scottsdale, AZ      85260

From owner-qrp-1@Lehigh.EDU    Sat Oct 12 10:51:55 1996  
From: w0ch@juno.com  
Subject: [1563] Re: Passive Filter  
Message-ID: <19961010.220338.4647.1.W0CH@juno.com>

Tim:

What you have found is a "Range Filter". This is probably WW2 surplus vintage equipment, but is still useful for ham radio today.

The filter was designed to be used in aircraft navigation back in the days before VOR's and Satellite navigation. The system used low frequency radio transmitters in the 200 to 500 KHz band across the country spaced along the air routes.

I believe that the system used two transmitters at each station, amplitude modulated with a tone at around 1020 Hz. Someone correct me if I'm wrong about the modulation frequency, it's been a long time. The carriers remained on the air and they keyed the tone on/off. One transmitter sent the tone modulated morse letter "A" and the other sent the morse letter "N". They used vertically polarized antennas.

If the aircraft was centered in the air route, the pilot heard the dit-dah and the dah-dit overlap so that he heard a steady tone. Thus he was "on the beam". If he drifted left of course, he would hear the "A" transmitter. If he was right of course, he would hear the "N" transmitter. I might have the "A"s and "N"s reversed, but you get the idea. The system became known as the "A-N RANGE" navigation system.

When he flew directly over the transmitter, he would lose the signal in the "cone of silence" due to the weak signal radiated directly upward from the vertical transmitting antenna. This gave the pilot his position check and he then would change course toward the next range station.

Also, the ground transmitter would transmit voice information to the pilots superimposed on the "A" and "N" transmitters. Typically, this was weather reports and forecasts.

The purpose of your filter is to filter out the tone so that the pilot

could copy the weather reports by voice transmissions, hence the VOICE position. The RANGE position passes only the tone modulation frequency and blocks the voice. The pilot selected this position when navigating in bad weather.

The third position, BOTH passes all frequencies, both RANGE and VOICE.

I used one of these same filters years ago with good results. Just use the "RANGE" position and run your headphone audio through the filter. The only problem is that the pass frequency is probably higher than most hams use these days. Most transceivers use a transmit offset of around 700 Hz. If you use the range filter with one of these, when you center the received signal in the filter passband, you will not be transmitting zero-beat with the other station. This is no problem if you have RIT. Just tune the transceiver with the RIT turned off till you can copy the other station with a 700 Hz tone. Then switch in the filter to the RANGE position and tune the RIT control so that you can copy him through the filter.

Good luck,

Dave W0CH  
QRP-L 618

On Thu, 10 Oct 1996 20:00:17 -0400 Tim Cook <timcook@erinet.com> writes:  
>I ran across a unique passive filter. Wonder if anyone has seen or  
>heard  
>of one. It is Military surplus. It is called Radio Filter FL-30. Made  
>by  
>The George W. Borg Corp. It appears consist of potted torroids. It is  
>about a 2 1/2 inch cube with a large 3 position switch on top.  
>Positions  
>are RANGE/VOICE/BOTH. It has 2 18" cords coming out of it. One has a  
>male 1/4 phone plug and the other has a 1/4 inch female phone plug.  
>One  
>position appears to be straight thru, one seems to cut high freq noise  
>considerably, and the third position is NARROW and SHARP!!!!  
>Attenuation  
>in that position seems considerable. Looking for info/etc...Don't know  
>what I will do with it, I have got plenty of audio filters, but  
>couldn't  
>pass it up!! hi hi..  
>  
>Tim NZ8J  
>ARCI-QRP.....G-QRP....MI-QRP....NE-QRP.....NORCAL  
>  
>

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Brian Kassel <bkassel@enet.net>  
Subject: [1577] Re: Passive Filter  
Message-ID: <325E5E39.F55@enet.net>

This is a multi-part message in MIME format.

-----3ABD5CA249EC  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

--

```
*****
* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion #17 *
* QRP-L #404 - ARCI #3623 *
*****
```

-----3ABD5CA249EC  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

X-Mozilla-Status: 0001  
Message-ID: <325E5D91.21DE@enet.net>  
From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Brian Kassel <bkassel@enet.net>  
Subject: Re: Passive Filter

Tim Cook wrote:

>  
> I ran across a unique passive filter. Wonder if anyone has seen or heard  
> of one. It is Military surplus. It is called Radio Filter FL-30.

I have had one since I was in High School (graduated 1963!)  
It is WW2 surplus, and it's actual intended use was as an outboard  
cw/phone filter.

It does have very high loss, around 20 DB as I recall.  
I remember that I paid around \$ 2.95 for it. There was an  
article in the old Popular Electronics, or perhaps the old  
Electronics Illustrated, on how to build an audio amp  
for it in an attempt to negate the high loss. Yes, it  
used a tube, a 12AX7 as I recall.

It \*DOES\* ring on the narrow setting. An RS DSP filter  
at \$ 27.95 will run rings around it, with little ringing

(no pun!).

I even probably still have the original article, but unless you suffer from "Chronic Nostalgia Syndrome, it's probably best left on the memorabilia shelf.

How come I remember all those details, and can't remember where I put my glasses 5 minutes ago!? Hmmm.....

--

```
*****
* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion #17 *
* QRP-L #404 - ARCI #3623 *
*****
```

-----3ABD5CA249EC--

From owner-qrp-l@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Bill Myers <bmyers@destin.nfds.net>  
Subject: [1586] Re: QRP-L digest 509  
Message-ID: <1.5.4.16.19961011114421.1ccfd3e4@destin.nfds.net>

>  
>Date: Thu, 10 Oct 1996 22:11:31 -0400  
>From: BParkes@aol.com  
>To: qrp-l@Lehigh.EDU  
>Subject: [1535] Cabela Pole  
>Message-ID: <961010221130\_540810809@emout02.mail.aol.com>  
>  
>Howdy, I tried to order a pole from Cabela's for the SS vert (the Black  
>Widow) tonight. A very nice person told me that they no longer carry them.  
> I told her that she may be getting a number of calls for them and explained  
>why. She was interested but sorry that they didn't have any more. I do have  
>a 14 foot pole but it is too good at catching bass and pan fish to turn into  
>an antennna. Have to have priorities.  
>73 Bruce KA2ZGW

Hi Bruce, and everyone else.

I just got off the phone with Cabela's (10/11/96@0800 Central time). They stated they had the 20 foot telescoping black widow rod, item #ag1100503, in stock and, for \$30.38 for fast delivery or \$26.43 for regular delivery to my zip code (32579), they will send it to me.

Needless to say, I ordered it the fast way.

72/73

Bill Myers    KK4KF    ARRL    QRP-1 #755    FISTS #2390  
Shalimar, FL   EM60

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: Phil Wheeler <pcw12@ix.netcom.com>  
Subject: [1638] Re: South Bend SD-20 at Sports Authority  
Message-ID: <325F00F3.2EBF@ix.netcom.com>

FYI...there is a Sports Authority store in Fountain Valley, CA (Orange  
Cty) just off the 405 freeway.

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: myers@bigboy73.West.Sun.COM (Dana Myers)  
Subject: [1635] Re: Toroids  
Message-ID: <199610120123.SAA00793@sunspot.West.Sun.COM>

> From miker@cc.com Fri Oct 11 18:15:46 1996  
  
> But how do I incorporate the permeability of a ferrite  
> core into this formula?  
>  
> Maybe a better question is: What is the formula for  
> winding toroids?

The best thing to do is get the published A1 values  
(look in the ARRL handbook or Amidon literature) and  
use the formula you'll find with the A1 values.

Dana    KK6JQ  
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>

Subject: [1594] Re: WNY a Black "Fox"hole?

Message-ID: <Pine.GS0.3.93.961011133050.29624E-100000@autarch.acsu.buffalo.edu>

I didn't hear the fox but I heard the hounds for the first time at 15 minutes before the end.

BTW I heard AA2WJ work the fox. It took a couple tries to pass the info but I think he did it.

He was as weak as a station could possibly be heard. Just above ESP.

Now that the Texas/CA war came up on the reflector I have some new theories.

I think Dick AA2WJ moved down to Tejas as a mercenary Qrp operator.

He has been boosting up the Texas Tally :-)

I also think he was working the fox from the grassy Knoll.

Keys for hire. Better check for legal addresses and Green cards Doug :-)

73,

Jim N2GO

The Buffalo QRP CONNECTION

ARCI #9013 QRP-L #381

jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: JEVERHART@cayman.vf.mmc.com

Subject: [1595] RE: WNY a Black "Fox"hole?

Message-ID: <961011140500.20400303@cayman.vf.mmc.com>

Mark,

Mark,

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996

From: JEVERHART@cayman.vf.mmc.com

Subject: [1596] RE: WNY a Black "Fox"hole?

Message-ID: <961011141227.20400303@cayman.vf.mmc.com>

Sorry for the hiccup, my mail system went bonkers. Here goes again...

Mark,

What so you mean is WNY a fox black hole? At least you guys got to work a couple of 'em. Last night was the first time I was even sure I \*heard\* the fox!

The pileup was there, albeit somewhat weak. Did manage to hear a few familiar call signs although few were over S-5 or 6. Actually heard W03B send his call sign a couple of times! I know that we are too close to work reliably at that time of night on 40 so I didn't bother qrm'ing the crowd. But at least I got to actually \*hear\* a fox this year.

Even borrowed a test loop antenna from work to see if that helped with my local noise. Yes, it reduced the noise, but since it is only an 18" untuned loop, only the strongest signals on the band were even audible!

Lessee where is next weeks furry-tailed critter?

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Sat Oct 12 10:51:55 1996  
From: "Warren E. Lewis" <saswel@unx.sas.com>  
Subject: [1571] Re: World Fox Series Bet  
Message-ID: <199610111331.AA00799@cardamom.unx.sas.com>

Doug,

You know what is gonna happen...everybody will send either CA or TX depending on which team they are rooting for!!!! :-)

Phhhhttt...NC is gonna win!! :-) That's if and when we ever hear a fox!!

73 from the propagation deprived Old North State - Warren

>

> Monte, your qth that you send to the fox is what counts. Hey, but keep it  
> a secret, if those Texas guys figure it out, they might cry!! 72, Doug, KI6DS

>

> At 02:19 PM 10/10/96 -0700, you wrote:

> >On Thu, 10 Oct 1996, Doug Hendricks wrote:

> >

> >> in the state, counts for that state. Visitors too. If Preston comes to



> >> Texas, operates and catches a fox, he counts for the Texas Team, same if  
> >> someone comes to California. Keeps it simple that way.  
> >  
> >Psssstttt, Doug, whadda I gets if I drive a couple miles up into CA and  
> >work sum foxs, eh? :-)  
> >  
> >73, Ron,  
> >  
> >.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
> >....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
> >....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....  
> >  
> >  
>  
>  
>  
>  
>

--

Warren E. Lewis  
Technical Support Division  
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